REPORT

OF THE

EUROPEAN MENTAL HOSPITAL

AT

RANCHI

FOR THE PERIOD

1st April 1945 to 31st March 1946

BY

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Ofg. Medical Superintendent.

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CONTENTS.

CHAPTER I.

INTRODUCTION.

CHAPTER II.

PATIENTS.

CHAPTER III.

FINANCE.

CHAPTER IV.

LOANS.

CHAPTER V.

STAFF.

CHAPTER VI.

GENERAL.

APPENDICES AND STATEMENTS.

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CHAPTER I.

INTRODUCTION.

1. *Administration.*—Colonel M. Taylor, O.B.E., M.D., D.P.H., I.M.S., held charge of the hospital from the 1st April to the 12th May 1945, and was then granted leave ex-India for the period from 13th May 1945, to the 7th November 1945. He remained in charge upto 11th March 1946, when he proceeded on eight months' leave on average pay. During the periods of absence of Colonel Taylor I officiated as Medical Superintendent.

2. *Provinces served.*—The names of the Provinces, from which patients were admitted to this hospital, are given in paragraph 11 of this Report.

3. *Admissions of Indian patients.*—During the year 1945-46, 23 Indian patients (15 males and 8 females) were admitted for treatment. Of these 20 were Voluntary Boarders. 13 (9 males and 4 females) were discharged, one died, and one was transferred to the Ranchi Indian Mental Hospital for further treatment.

4. *Foreigners.*—During the year under review, patients of foreign nationalities were under treatment viz., from America, France, Netherlands, Italy, Russia, Greece, Burma, etc.

5. *Service patients.*—During the period under review 252 Service patients [23 British Officers, 226 British Other Ranks, 1 Nursing Sister and 2 W. A. C. (I) S.] were admitted for treatment.

CHAPTER II.

PATIENTS.

6. *Admissions.*—The number of patients resident in the hospital at the commencement of the year under review was 274 (133 males and 141 females) as compared with 234 (99 males and 135 females) during the year 1944-45. The total number admitted during the year 1945-46 was 313 (287 males and 26 females) as compared with 227 (195 males and 32 females) in the previous year.

7. *Voluntary Boarders.*—The statement given below gives the number of Voluntary Boarders treated in the hospital under proviso to sub-section (1) of section 4 of the Indian Lunacy Act, 1912, during the year 1945-46, and the previous year :—

Voluntary Boarders.	1945-46.			1944-45		
	Male.	Female	Total.	Male.	Female.	Total.
1	2	3	4	5	6	7
1. Total number of cases treated during the year ...	60	31	91	42	28	70
2. Left hospital cured	22	6	28	20	7	27
3. Left hospital before treatment was completed ...	21	6	27	2	1	3
4. Died	1	1	2	3	1	4
Total ...	44	13	57	25	9	34
5. Resident at close of the year	16	18	34	17	19	36

8. *Criminal Insanes and Insane Criminals.*—There were two Criminl Insanes resident in the hospital at the commencement of the year. Two Criminal Insanes were aditted during the year for observation and treatment.

9. *Total population.*—The total number of patients treated in the hospital during the period under review was 587 (420 males and 167 females), against 461 (294 males and 167 females) in the previous year.

10. *Daily average population.*—The daily average population of patients resident in the hospital during the year under report was 269·13 (135·54 males and 133·59 females) against 258·50 (118·82 males and 139·68 females) in the previous year.

11. *Distribution of population by Provinces.*—The following statement shows the distribution by Provinces of the hospital population for the year under review as compared with the previous year :—

Province.	Number of patients. 1945-46.	1944-45.
1. Bengal ...	170	167
2. United Provinces ...	38	36
3. Punjab ...	28	27
4. Bihar ...	31	35
5. Orissa ...	3	3
6. Central Provinces and Berar ...	11	7
7. Assam ...	4	3
8. North-West Frontier Province ...	2	3
9. Baluchistan ...	2	1
10. Kashmir ...	1	1
11. Rajputana (Jaipur) ...	2	1
12. Netherlands Consulate ...	1	1
13. Madras ...	2	2
14. Mysore ...	...	1
15. Burma (for Burma evacuees) ...	8	9
16. Government of India, Defence Department (for Military patients, Internees, etc.)	281	161
17. Sind ...	1	1
18. Kolhapur ...	1	1
19. Holkar State ...	1	1
Total ...	587	461

12. *Percentage of patients 'cured' and 'improved' to daily average strength.*—The following table gives comparative data relating to the ratio per cent of cases 'cured' and 'improved' to daily average number resident in the hospital during the year under review as compared with the previous year :—

Patients.	1945-46.	1944-45.
1. Daily average number resident in hospital ...	269·13	258·50
2. Ratio per cent of cases—		
(a) Cured ...	35·49	16·76
(b) Improved ...	57·00	25·19

13. *Percentage of patients discharged 'cured' and 'improved' to direct admissions.*—The following statement shows the ratio per cent of patients discharged 'cured' and 'improved' to direct admissions during the year 1945-46, as compared with the previous year :—

Patients.	1945-46.	1944-45
Total population ...	587	461
Direct admissions ...	307	223
Ratio per cent to direct admissions of cases—		
(a) Cured ...	46·87	24·28
(b) Improved ...	50·81	29·14

14. *Health of patients.*—There has been no epidemic of any kind and the general health of the patients was satisfactory throughout the year under review. The daily average number of sick treated in the Infirmary Ward during the year 1945-46 was 9 8 per cent of the population against 14·13 in the previous year.

15 *Accidents and Assaults.*—During the year under review there was no case of serious injury or accident in the hospital.

16. *Parole*.—The parole system has, as in the former years, been extensively used and there was no untoward occurrence.

One female patient was allowed by the Board of Visitors of the hospital, leave of absence extending for a period of four months, and was finally discharged.

17. *Patients under observation.*—No patient was admitted for observation during the year under review.

18. *Dental treatment.*—The Visiting Dentist attended the hospital thrice a week and necessary dental treatment was carried out.

19. *Death rate*.—The percentage of death-rate calculated on the daily average number resident in the hospital during the year 1945-46 was 5·20 against 7·35 in the previous year.

20. *Causes of deaths.*—The following table gives the causes of deaths among the patients resident in the hospital during the year 1945-46 :—

CAUSES OF DEATHS.

	Male.	Female.	Total.
1. Secondary dementia (Exhaustion) ...	1	1	2
2. Heart failure ...	...	1	1
3. Senile Dementia (Exhaustion) ...	2	1	3
4. Cerebral Malaria ...	2	2	4
5. Cerebral Hæmorrhage ...	...	1	1
6. Pneumonia ...	1	...	1
7. Epilepsy (Exhaustion) ...	1	...	1
8. Dysentery—Bacillary...	1	...	1
Total ...	8	6	14

21. *Types of mental disorder in patients treated.*—The following table shows the types of mental disorder treated in the hospital during the years 1945-46 and the preceding year :—

Type of mental disorder.	Period. 1945-46.	1944-45.
1. Mental Deficiency ...	48	57
2. Manic Depressive Insanity ...	82	22
3. Mania ...	1	3
4. Melancholia ...	8	6
5. Schizophrenia, including D. Praecox ...	126	116
6. Secondary Dementia ...	18	24
7. Paranoid and Paranoid States ...	84	77
8. Epilepsy and Epileptic Insanity ...	19	20
9. Toxic psychosis—		
(a) Acute Confusional Insanity ...	2	3
(b) Alcoholic psychosis ...	5	1
(c) Morphinism ...	1	2
10 Organic Psychosis—		
(a) Cerebral Syphillis ...	2	4
(b) Arteriopathic and Senile Psychosis ...	2	2
(c) Encephalitis ...	1	1
(d) Other Cerebral lesions ...	—	1
11. Neurosis and Psychoneurosis ...	232	114
12. No appreciable disease ...	5	8
13. Not yet diagnosed ...	1	—
Total ...	587	461

22. *Treatment of Mental Disorders.*—

(1) Electrically induced Convulsion.

(2) Shock Therapy by Drugs.

(3) Pyrexia Therapy.

(4) Hydrotherapy.

(5) Prolonged Narcosis.

(6) Malario Therapy.

(7) Occupational Therapy.

(8) Other physical, medicinal or endocrine Therapy.

The detailed technique of all methods of treatment has been dealt with in previous Annual Reports of the Hospital, and repetition is therefore unnecessary.

The Electric Convulsion Therapy apparatus is installed in both Male and Female sections of the Hospital, and has proved effective in some forms of mental disorders (specially in such cases as Stupor and Refusal of food, with beneficial effects).

The Convulsive treatment definitely cuts short the acute symptoms in early cases, lessens the danger of self-infliction and exhaustion, the nursing difficulties and period of hospitalisation Replacing shock therapy by Cardiazol and Insulin, it does not induce fear or hostility in the patient. It is more economical and time-saving. No accidents occurred.

Among the Service patients results of Electric Convulsion Therapy administered by the Army Specialist are encouraging. It is not possible to follow up the cases to ascertain if remissions are permanent.

TABLE SHOWING CASES THAT UNDERWENT ELECTRIC CONVULSION THERAPY.

—	Number treated.	Cured.	Re-admitted.	Improved.	Not improved.
1	2	3	4	5	6
Male ...	25	15	...	6	4
Female ...	20	10	...	4	6
Total ...	45	25	...	10	10

23. *Age-groups.*—The following table shows the age-groups of patients admitted to the hospital during the year under report as compared with the preceding year :—

	1945-46.	1944-45.
1. Under 20 years ...	21	6
2. Between 20 and 40 years ...	263	184
3. Between 40 and 60 years ...	25	33
4. Upward of 60 years ...	4	4
Total ...	313	227

24. *Feeding.*—The average *per capita* cost under the head 'Diet' during the year 1945-46 was Rs. 860, as compared with Rs. 778 in the previous year, an increase of Rs. 82 (10·5 per cent).

25. *Clothing and bedding.*—The average *per capita* cost under this head for the year 1945-46 was Rs. 101, against Rs. 82 in the previous year, an increase of Rs. 19.

26. *Bakery, vegetable garden and mineral water factory.*—The bakery, vegetable garden and mineral water factory continued to supply the requirements of the Hospital. A net saving of Rs. 6,469 was effected, as compared with the current rates, during the year under review.

27. *Public Works Department.*—Buildings, Roads and Electric and Water-Supply installations were maintained in good order.

CHAPTER III.

FINANCE.

28. *Receipts.*—The total receipts from all sources during the financial year 1945-46 amounted to Rs. 8,34,041, as compared with Rs. 7,67,93 , in the previous year. The amount realised from paying patients during the year was Rs. 1,44,661 as compared with Rs. 1,37,071 in the previous year, an increase of Rs. 7,590. The receipts on account of sale-proceeds of articles manufactured in the Occupational Therapy Department and other miscellaneous receipts amounted to Rs. 10,660 against Rs. 13,260 in the previous year, a decrease of Rs. 2,600.

29. *Expenditure.*—The total expenditure during the year 1945-46 was Rs. 8,34,041 against Rs. 7,67, 39 in the previous year, an increase of Rs 66,102, mainly due to the increase in the prices of dietary articles, clothing, and miscellaneous stores. The details are given below :—

	1945-46.	1944-45.
	Rs.	Rs.
(1) Maintenance.. i.e , establishment and salaries, diet, bedding, clothing, medicines, and printing and stationery, etc.	6,07,558	5,50,900
(2) Public Works and Public Health Departments charges on buildings, roads, electric installation, water-supply and maintenance of, and repairs to, them.	71,162	66,708
Total ...	6,78,720	6,17,608

30. Per capita *cost.*—The following table shows the *per capita* cost for the year 1945-46 and the previous two years :—

Year.	Average no. of patients resident.	Per capita cost exclusive of P. W. D. charges and loan charges.	Per capita cost inclusive of P. W. D. charges but exclusive of loan charges.	Total per capita cost inclusive of P. W. D. charges and loan charges.
		Rs.	Rs.	Rs.
1945-46	269·13	2,257	2,521	2,780
1944-45	258·50	2,132	2,890	2,660
1943-44	262·24	1,835	2,015	2,281

CHAPTER IV.

LOANS.

31. *Loans to the Board of Trustees.*—The following table shows the details of the loans granted by the Government of India to the Board of Trustees of this hospital under section 6 of the Ranchi Mental Hospital Act, 1922 :—

Date on which the loan was granted.	Details of loans.		Period of repayment in equated annual instalment of principal and interest.	Balance of the principal outstanding on 31st March 1946.	Date on which the loan will be completely liquidated.
	Amount.	Rate of interest per cent.			
1	2	3	4	5	6
	Rs.	Per cent.	Years.	Rs.	
1st August 1924	3,35,000	6	30	84,714	1st August 1947.
15th March 1926	90,600	5½	30	46,989	15th March 1948.
Total ...	4,25,600	...	...	1,31,703	

The Provinces liable to pay loan charges in proportion to the accommodation enjoyed by their patients over a period of ten years ending 31st March 1933 are (1) Bengal, (2) United Provinces, (3) the Punjab, (4) Bihar, (5) Orissa, (6) Central Provinces and Berar, (7) Assam, (8) North-West Frontier Province, and (9) British Baluchistan.

CHAPTER V.

STAFF.

32. *Medical Staff.*—During the period under report there was no change in the Medical Stff.

33. *Nursing Staff.*—During the year 1945-46, three Nursing Sisters left the service for various reasons.

34. *Health of Staff.*—Apart from a higher incidence of malarial fever, the health of the staff was satisfactory during the year under review.

CHAPTER VI.

GENERAL.

35. *Inspection.*—During the year under report the hospital was visited by the Commissioner of Chota Nagpur, Surgeon-General with the Government of Bengal, Accountant-General, Bihar and members of the Board of Trustees of this hospital.

36 *Visitors.*—The Visitors (ladies and gentlemen) appointed by the Provincial Government attended regularly the monthly meetings of the Board of Visitors. The kindly interest displayed by them in the patients of the hospital and the time they have ungrudgingly devoted to their duties are greatly appreciated.

37. *Instructions.*—During the year under review Dr. I. K. Mujavar, M.B.B.S., B.M.S., Deputy Superintendent of the Central Mental Hospital, Yeravda, was deputed to this hospital for a course of instruction.

C. W. E. PETERS,

CAPTAIN, I.M.D. (RETD.),

Offg. Medical Superintendent,

Ranchi European Mental Hospital.

APPENDIX A.

Table showing the number of meetings held by the Board of Trustees, and the Managing Committee and attendance of members at such meetings.

—	Total number of members.	Dates of meetings held and number of members (including the Chairman) present, and absent at each meeting.	
		During the year 1945-46 (i.e., 1st April 1945 to 31st March 1946).	During the year 1944-45 (i.e., 1st April 1944 to 31st March 1945.)
I Board of Trustees constituted under the Ranchi Mental Hospital Act, 1922 (Act XIII of 1922).	14 members (including Chairman).	18th August 1945. Members present ... ... 8 ,, absent 6	19th August 1944. Members present ... ... 6 ,, absent 8
		26th January 1946. Members present ... ... 6 ,, absent 8	26th January 1945. Members present ... ... 5 ,, absent 9
II. Managing Committee constituted by the Board of Trustees.	7 members (including Chairman).	21st July 1945. Members present ... ... 4 ,, absent 3	19th August 1944. Members present ... ... 4 ,, absent 3
		22nd December 1945. Members present ... ... 3 ,, absent 4	15th December 1944. Members present ... ... 4 ,, absent 3
		2nd March 19.6. Members present ... ... 5 ,, absent 2	3rd March 1945. Members present ... ... 3 ,, absent 4

APPENDIX B.

Table showing Ranchi European Mental Hospital Statistics, 1928—1945-46.

Year.	Daily average number of patients.	Number discharged recovered.	Number discharged improved.	Ratio per cent discharged recovered to daily average strength.	Ratio per cent improved.	Number of re-admissions.	Ratio per cent of cases recovered to direct admission.	Number of voluntary patients.	Amount realized from paying patients.	Total expenditure including Public Works Department charges and excluding loan charges.	Public Works and Public Health Department charges.	Expenditure excluding Public Works Department charges and loan charges.	Total expenditure including Public Works Department charges and loan charges.	Annual cost *per capita* excluding Public Works Department and loan charges.	Annual cost *per capita* including Public Works Department charges only.	Annual cost *per capita* including Public Works Departmnet charges.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
									Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1928 ..	195·51	29	38	14·83	19·42	19	22·73	31	57,637	4,28,711	54,259	3,74,452	4,98,516	1,915	2,193	2,550
1929 ..	199·51	12	17	5·95	8·53	17	12·90	34	60,358	3,39,313	30,513	3,08,800	4,66,033	1,547	1,700	2,321
1930 ..	200·61	20	45	9·91	22·43	19	20·51	50	62,593	4,32,654	55,166	3,77,488	5,02,459	1,882	2,157	2,505
1931 ..	196·41	7	29	3·56	14·76	22	7·98	57	56,286	3,88,831	51,261	3,37,570	4,58,636	1,718	1,979	2,335
1932 ..	199·44	13	38	6·51	27·63	27	12·25	50	47,830	3,44,145	32,005	3,12,140	4,13,950	1,564	1,725	2,076
1933 ..	201·56	17	26	8·42	12·89	26	19·71	47	53,058	3,34,280	34,587	2,99,693	4,04,085	1,487	1,658	2,005
1934 ..	200·27	10	26	5·04	12·98	29	15·11	55	53,769	3,16,175	33,416	2,82,759	3,85,989	1,412	1,578	1,927
1935 ...	206·75	23	7	11·08	3·38	15	32·21	44	65,107	3,17,059	45,313	2,71,746	3,86,864	1,314	1,533	1,871
1936 ...	219·48	19	15	8·61	6·89	12	15·46	43	71,532	3,50,419	66,134	2,84,285	4,20,224	1,296	1,598	1,915
1937 ...	230·13	26	4	11·15	2·01	7	31·85	38	76,638	3,29,237	48,726	2,80,512	3,99,042	1,218	1,430	1,734
1938 ..	246·72	44	3	17·68	1·21	15	42·88	43	77,335	3,49,884	33,169	3,16,715	4,19,689	1,283	1,418	1,702
1939 ..	251·99	33	4	13·05	1·60	15	33·52	38	78,779	3,26,548	30,401	2,96,147	3,96,352	1,175	1,296	1,573
1940-41 ..	269·56	43	5	15·90	1·89	13	48·65	31	91,541	3,38,544	33,787	3,04,757	4,08,348	1,130	1,255	1,515
1941-42 ..	274·50	28	4	10·46	1·78	10	31·68	57	96,127	3,65,865	36,445	3,29,420	4,35,669	1,200	1,333	1,587
1942-43 ..	273·90	54	6	19·72	2·56	8	61·36	86	1,07,281	3,94,248	39,193	3,55,055	4,64,052	1,296	1,439	1,696
1943-44 ..	262·24	95	14	38·96	5·34	14	51·30	113	1,38,633	5,28,522	47,311	4,81,211	5,98,326	1,635	2,015	2,281
1944-45 ...	258·50	42	65	16·76	25·19	4	15·20	70	1,37,071	6,17,608	66,708	5,50,900	6,87,412	2,132	2,390	2,660

APPENDIX C.

Abstract of Cash Account of the Ranchi European Mental Hospital for the years 1928 to 1945-46.

Year.	Establishment. Total cost.	Establishment. Cost per head of average strength.	Diet. Total cost.	Diet. Cost per head of average strength.	Bedding and clothing. Total cost.	Bedding and clothing. Cost per head of average strength.	Medicines. Total cost.	Medicines. Cost per head of average strength.	Contingencies. Total cost	Contingencies. Cost per head of average strength.	Miscellaneous. Total cost.
1	2	3	4	5	6	7	8	9	10	11	12
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1928 ...	1,42,954	731	88,666	454	19,367	99	5,713	29	1,13,867	582	2,0
1929 ...	1,15,166	577	90,335	458	11,817	59	3,262	16	84,392	423	1,0
1930 ...	1,53,813	782	93,358	465	14,475	72	4,197	21	99,830	498	6,1
1931 ...	1,47,942	753	74,012	377	12,282	62	3,710	19	91,879	468	6,0
1932 ...	1,36,209	683	73,637	369	17,409	87	4,496	23	72,367	363	5,6
1933 ...	1,33,824	664	74,787	371	13,751	68	3,833	19	66,239	329	5,3
1934 ...	1,35,591	676	60,886	305	19,373	47	3,914	20	[illegible]	322	6,2
1935 ...	1,26,089	610	59,360	268	10,552	51	1,727	8	71,187	344	4,9
1936 ...	1,24,962	569	61,499	280	14,833	67	3,746	18	[illegible]	324	6,8
1937 ...	1,27,101	552	63,849	278	6,738	29	3,296	14	73,664	320	4,9
1938 ...	1,36,485	553	72,905	296	12,704	51	2,681	11	82,391	334	7,7
1939 ...	1,31,959	524	70,254	280	11,244	42	4,298	17	69,907	278	7,2
1940-41 ..	1,36,102	505	76,809	284	8,541	31	4,571	16	70,155	263	6,9
1941-42 ...	1,30,994	477	83,052	303	26,713	97	7,560	28	72,216	263	7,
1942-43 ..	1,43,234	523	1,00,245	366	14,964	54	4,779	17	79,924	292	10,
1943-44 ...	1,49 237	569	1,65,792	632	19,893	76	5,481	29	1,08,600	414	27,
1944-45 ...	1,62,952	630	2,01,068	778	21,083	82	10,963	43	1,35,469	524	16,
1945-46 ...	1,69,014	632	2,31,380	860	27,702	101	7,998	30	1,48,814	563	19,

Year.	Miscellaneous. Cost per head of average strength.	Grand total. Total cost.	Grand total. Cost per head of average strength.	P. W. D. charges. Total cost.	P. W. D. charges. Cost per head of average strength.	Cost of printing and stationery. Total cost.	Cost of printing and stationery. Cost per head of average strength.	Total expenditure including all heads of expenditure. Total cost.	Total expenditure including all heads of expenditure. Cost per head of average strength.	Cost per head of average strength on loan charges Rs. 69,804.	Total cost *per capita* including loan charges.	Daily average strength of patients.
1	13	14	15	16	17	18	19	20	21	22	23	24
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1928	10	3,72,567	1,905	54,259	278	1,885	10	4,28,711	2,193	357	2,550	195·51
1929	5	3,06,046	1,533	30,513	150	2,754	14	3,39,313	1,700	621	2,321	199·61
1930	31	3,74,862	1,869	55,166	275	2,626	13	4,32,654	2,157	348	2,505	200·61
1931	30	3,35,892	1,709	51,261	261	1,678	9	3,88,831	1,979	356	2,335	196·41
1932	28	3,09,818	1,553	32,005	161	2,322	11	3,44,145	1,725	351	2,076	199·44
1933	26	2,97,762	1,477	34,587	171	1,931	10	3,34,280	1,658	347	2,005	201·56
1934	31	2,80,396	1,401	33,416	166	2,363	11	3,16,175	1,578	349	1,927	200·27
1935	24	2,69,885	1,305	45,313	219	1,861	9	3,17,059	1,533	338	1,871	200·75
1936	29	2,82,629	1,288	66,134	302	1,661	8	3,50,419	1,598	317	1,915	219·48
1937	18	2,78,850	1,211	48,726	212	1,661	7	3,29,237	1,430	304	1,734	230·13
1938	31	3,14,910	1,276	33,169	135	1,805	7	3,49,884	1,418	284	1,702	246·72
1939	29	2,94,870	1,170	30,401	121	1,277	5	3,26,548	1,296	277	1,573	251·99
1940-41	25	3,03,157	1,124	33,787	125	1,600	6	3,38,544	1,255	259	1,514	269·56
1941-42	26	3,27,670	1,194	36,445	133	1,750	6	3,65,865	1,333	254	1,587	274·50
1942-43	40	3,54,048	1,292	39,193	143	1,007	4	3,94,248	1,439	255	1,694	273·90
1943-44	106	4,78,837	1,826	47,311	180	2,374	9	5,28,522	2,015	266	2,281	262·24
1944-45	63	5,47,907	2,120	66,708	258	2,993	12	6,17,608	2,390	260	2,660	258·50
1945-46	78	6,05,521	2,249	71,162	264	2,037	8	6,78,720	2,521	259	2,780	269·13

STATEMENT No. I.

Showing the admissions, discharges, etc. of Ranchi European Mental Hospital during the year 1945-46 and the two previous years.

1	2			3			4			5			6														
													Discharged.														
													A			B						C			D		
Years.	Remained on 1st April 1945.			Admitted.			Re-admitted.			Total population.			Cured.			Transferred to friends. Improved.			Transferred to friends. Not improved.			Otherwise.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1945-46 ...	133	141	274	284	23	307	3	3	6	420	167	587	81	15	96	145	11	156	...	...	...	66	1	67	202	37	319
1944-45 ...	90	135	224	193	30	223	2	2	4	294	167	461	80	12	4	62	3	65	45	...	45	16	...	16	153	15	168
943-44 ...	121	148	269	83	24	107	8	6	14	212	178	390	74	21	95	11	3	14	...	...	...	12	...	13	97	24	121

1	7			8			9			10			11											
													Percentage to—											
													Daily average strength.						Admissions.					
													A			B			C			D		
Years.	Died.			Remaining on 31st March 1946.			Daily average strength.			Daily average sick.			Cured.			Died.			Cured.			Died.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1945-46 ...	8	6	14	120	134	254	135·54	133·59	269·13	5·6	4·2	9·8	59·76	11·23	35·49	5·30	4·51	5·30	28·52	65·21	46·87	·70	...	·65
1944-45 ...	8	11	19	133	141	274	118·83	139·68	258·50	7·32	6·61	14·13	25·25	8·60	16·76	6·73	7·87	7·35	11·91	36·66	24·28	1·55	13·33	8·18
943-44 ...	16	19	35	99	135	234	116·62	145·62	262·24	5·49	4·85	10·34	63·4	14·48	38·96	13·72	13·00	13·36	65·94	36·66	51·30	3·33	16·00	6·66

STATEMENT No. II.

Showing cases admitted for observation in the Ranchi European Mental Hospital during the year 1945-46 and the previous two years.

1	2	3			4			5			6			7			8			9			10		
Name of the Mental Hospital.	Years.	Remained on the 1st April 1944.			Admitted.			Re-admitted.			Certified and admitted into hospital.			Certified and released under section 14, Act IV of 1912.			Released as uncertifiable.			Died.			Remaining on 31st March 1945.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Ranchi European Mental Hospital.	1945-46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1944-45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1943-44	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...

STATEMENT No. III.

Return of criminal patients in the Ranchi European Mental Hospital for the year 1945-46 and the two previous years.

1		2			3			4			5			6			7			8			9		
	Years.	Remaining on 1st April 1944.			Admitted.			Re-admitted.			Total.			Discharged, transferred, etc.			Died.			Remaining on 31st April 1945.			Daily average strength.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Ranchi European Mental Hospital.	1945-46 ...	3	...	3	1	...	1	1	...	1	2	...	3	...	...	...	...	...	...	4	...	4	2·57	...	2·57
	1944-45 ...	3	...	3	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	3	...	3	2·00	1·00	2·00
	1943-44 ...	2	...	3	1	...	1	...	...	...	3	...	3	1	1	1	...	...	...	2	...	2	1·89	...	1·89

STATEMENT No. IV.

Return showing the religion, sex and residence of patients admitted into the Ranchi European Mental Hospital during the period 1st April 1945 to 31st March 1946.

1	2			3			4						5			6		
Place.	Hindus.			Muhammadans.			Christians. Europeans and Eurasians.			Christians. Indians.			Other castes.			Total.		
—	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Agra ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
Ajmer ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
Allahabad ..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	2	..	2
Bilaspur ..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Calcutta ..	1	4	5	..	..	..	11	7	18	..	..	..	1	..	1	13	11	24
Cawnpore ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Darjeeling ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Dehra Dun ..	..	..	..	..	..	..	5	..	5	..	..	..	..	..	..	5	..	5
Delhi ..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Giridih ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..		1
Gomoh ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Jamshedpur ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Jha Jha ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Kharagpur ..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	1	..	1
Lahore ..	1	..	1	..	..	..	1	1	2	..	..	..	..	..	..	2	..	2
Lucknow ..	..	1	1	..	..	..	1	1	2	..	..	..	..	..	..	2	1	3
McKluskieganj ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	2	3
Nagpur ..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	1	..	1
Nowgang ..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	2	1	3
Patna ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Purandhar ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	1	1
Quetta ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	..	1
Ranchi ..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Santargachi ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	2
Simla ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	1	1
Tejpur ..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Defence Services	2	1	3	..	..	..	244	3	247	1	..	1	..	..	..	1	..	1
													..	..	..	247	4	251
Total ..	7	7	14	3	..	3	274	19	293	1	..	1	2	..	2	287	26	313

STATEMENT No. V.

Return showing the ages of patients admitted into the Ranchi European Mental Hospital during the year 1945-46.

1	2			3			4			5			6		
Year.	Under 20.			20 to 40.			40 to 60.			Upward of 60.			Total.		
	Males	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males	Females.	Total.
1945-46	19	2	21	248	15	263	18	7	25	2	2	4	287	26	313
1944-45	3	3	6	169	15	184	21	12	33	2	2	4	195	32	227
1943-44	...	1	1	76	18	94	11	9	20	4	2	6	91	30	121

STATEMENT No. VI.

Showing the forms of Mental disorder in the admissions, discharges, recoveries and deaths in the Ranchi European Mental Hospital during the period 1st April 1945 to 31st March 1946.

Heads.	Remaining on 31st March of the preceding year.			Admissions during year.			Total.			Recoveries.			Otherwise.			Deaths.			Remaining on 31st March 1946.		
	Males.	Females.	Total.	Males.	Females	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1. Mental Deficiency ...	22	14	36	12	...	12	34	14	48	1	...	1	10	...	10	3	...	3	20	14	34
2. Manic Depressive Insanity.	5	8	13	15	4	19	20	12	32	3	3	6	13	...	13	...	1	1	4	8	12
3. Mania	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	..	1	1
4. Melancholia ...	2	3	5	1	2	3	3	5	8	1	2	3	...	...	...	...	...	...	2	3	5
5. Schizophrenia including Dementia Præcox.	26	52	78	40	8	48	66	60	126	5	5	10	33	7	40	2	3	5	26	45	71
6. Secondary Dementia ...	6	9	15	2	1	3	8	10	18	...	...	...	...	...	...	2	...	2	6	10	16
7. Paranoia and Paranoid States.	26	47	73	5	6	11	31	53	84	1	2	3	3	3	6	...	2	2	27	46	73
8. Epilepsy and Epileptic insanity.	14	2	16	3	...	3	17	2	19	...	...	...	3	...	3	1	...	1	13	2	15
9. Toxic Psychosis—																					
(a) Acute Confusional Insanity.	2	...	2	...	...	...	2	...	2	...	...	..	...	...	...	...	...	...	2	...	2
(b) Alcoholic Psychosis	1	...	1	4	...	4	5	...	5	1	...	1	2	...	2	...	...	...	2	...	2
(c) Morphinism	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	..	...	...
(d) Of Endocrine Origin.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(e) In relation to child-bearing.	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(f) In relation to other constitutional diseases.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Organic Psychosis—																					
(a) General ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Cerebral syphilis...	...	1	1	...	1	1	1	1	2	...	...	...	...	...	..	...	...	...	...	...	...
(c) Arteriopathic and Senile psychosis.	..	2	2	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	1	1	2
(d) Encephalitis ...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	2	2
(e) Other Cerebral lesions.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
11. Neurosis and Psycho-neurosis.	25	1	26	202	4	206	227	5	232	66	2	68	147	2	149	...	...	...	...	...	...
12. No appreciable disease	2	1	3	2	...	2	4	1	5	2	...	2	...	...	...	...	...	...	14	1	15
13. Not yet diagnosed (discharged before certification).	...	...	...	...	1	1	...	1	1	...	1	1	...	...	...	...	...	...	2	1	3
Total ...	133	141	274	287	26	313	420	167	587	81	15	96	211	12	223	8	6	14	120	134	25[illegible]

STATEMENT No VII.

Showing the probable causes of insanity in the patients admitted to the Ranchi European Mental Hospital during the period 1st April 1945 to 31st March 1946.

Head.	Predisposing causes.			Exciting causes.			Total.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
1	2	3	4	5	6	7	8	9	10
Mental stress.—									
Moral	2	..	2	..	..	..	2	..	2
Business worry	4	..	4	..	..	..	4	..	4
Domestic worry	29	2	31	5	2	7	34	4	38
Stress of military service ..	163	2	165	46	2	48	209	4	213
Toxins.—									
Cannabis Indica	..	..	..	..	..	..	..	..	..
Alcohol	4	..	4	2	..	2	6	..	6
Other toxins ..	..	..	..	..	..	..	..	..	..
Physical	2	..	2	..	..	..	2	..	2
Opium	..	..	..	..	..	..	..	..	..
Bodily illness ..	5	2	7	3	1	4	8	3	11
Pregnancy	..	..	..	..	..	..	..	..	..
Child-birth	..	1	1	..	1	1	..	2	2
Climacteric	..	2	2	..	2	2	..	4	4
Epilepsy	6	..	6	..	..	..	6	..	6
Head injuries	..	..	..	..	..	..	..	..	..
Infections.—									
Encephalitis Lethargica ..	1	..	1	..	..	..	1	..	1
Influenza	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	..	..	..	..	..	..
Other infections	..	..	..	..	..	..	..	..	..
Old age	3	3	6	..	..	..	3	3	6
Hereditary	2	..	2	..	..	..	2	..	2
Previous attacks	3	3	6	..	..	..	3	3	6
Unascertained	7	3	10	..	..	..	7	3	10
Total ..	231	18	249	56	8	64	287	26	313

No. VIII.

1st April 1945 to 31st March 1946 and two previous years.

12	13	14	15	16	17	18	19	20	21	22	23
Charges.											
Bazar medicines.	Contingencies.			Remitted to Treasury on account of paying patients, etc.	Miscellaneous items.	Total of columns 8—17.	Book Charges.			Total of columns 18--21.	Remarks.
	Contingencies proper.	Repairs and maintenance.	Rates and taxes.				Charges on account of work done by the Public Works Department.	Cost of printed forms and stationery.	Cost of English stores, medicines, etc.		
Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
4,998	1,48,814	...	...	1,55,321	19,713	7,60,842	71,162	2,037	...	8,34,041	
10,963	1,35,469	...	...	1,50,331	16,372	6,98,238	66,708	2,993	...	7,67,939	
7,481	1,08,600	...	...	1,63,600	27,834	6,41,837	47,311	2,374	...	6,91,522	

A.

1st April 1945 to 31st March 1946 and two previous years.

Miscellaneous.		Grand total		Charges on account of works done by the Public Works Department.		Rates and taxes.		Cost of printing and stationery.		Total expenditure including all heads of expenditure.	
Total cost.	Cost per head of average strength.	Total. cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
12	13	14	15	16	17	18	19	20	21	22	23
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
19,713	73	6,05,521	2,249	71,162	264	...	...	2,037	8	6,78,720	2,521
16,372	63	5,47,907	2,120	66,708	258	...	...	2,993	12	6,17,608	2,390
27,834	106	4,78,837	1,826	47,311	180	...	...	2,374	9	5,28,522	2,015